

ABSTRACT OF THE DISCLOSURE

A shaft-hub connection between one shaft segment comprises one central toothed segment, the same as adjacent centering segments and one stepped hole in a hub, in which the shaft and the hub are jointed in axial direction and by the toothed shaft segment a positive fit is formed with the hub, in which the front centering segment, lying in joint direction, has a diameter d_1 and the toothed shaft segment, the same as the rear centering segment lying in joint direction, has a diameter d_2 larger than d_1 . It is proposed that the hole has only two adjacent segments I, II of different diameters D_1 and D_2 , that the diameter d_1 in the centering segment with the diameter D_1 , the same as the diameter d_1 in the centering segment with the diameter D_2 , form a respective joint fit and the diameter d_2 in the area with the diameter D_1 forms the positive fit.